

PRINCE GEORGE'S COUNTY HIV/AIDS EPIDEMIOLOGICAL PROFILE

Fourth Quarter 2007 - Data reported through December 31, 2007

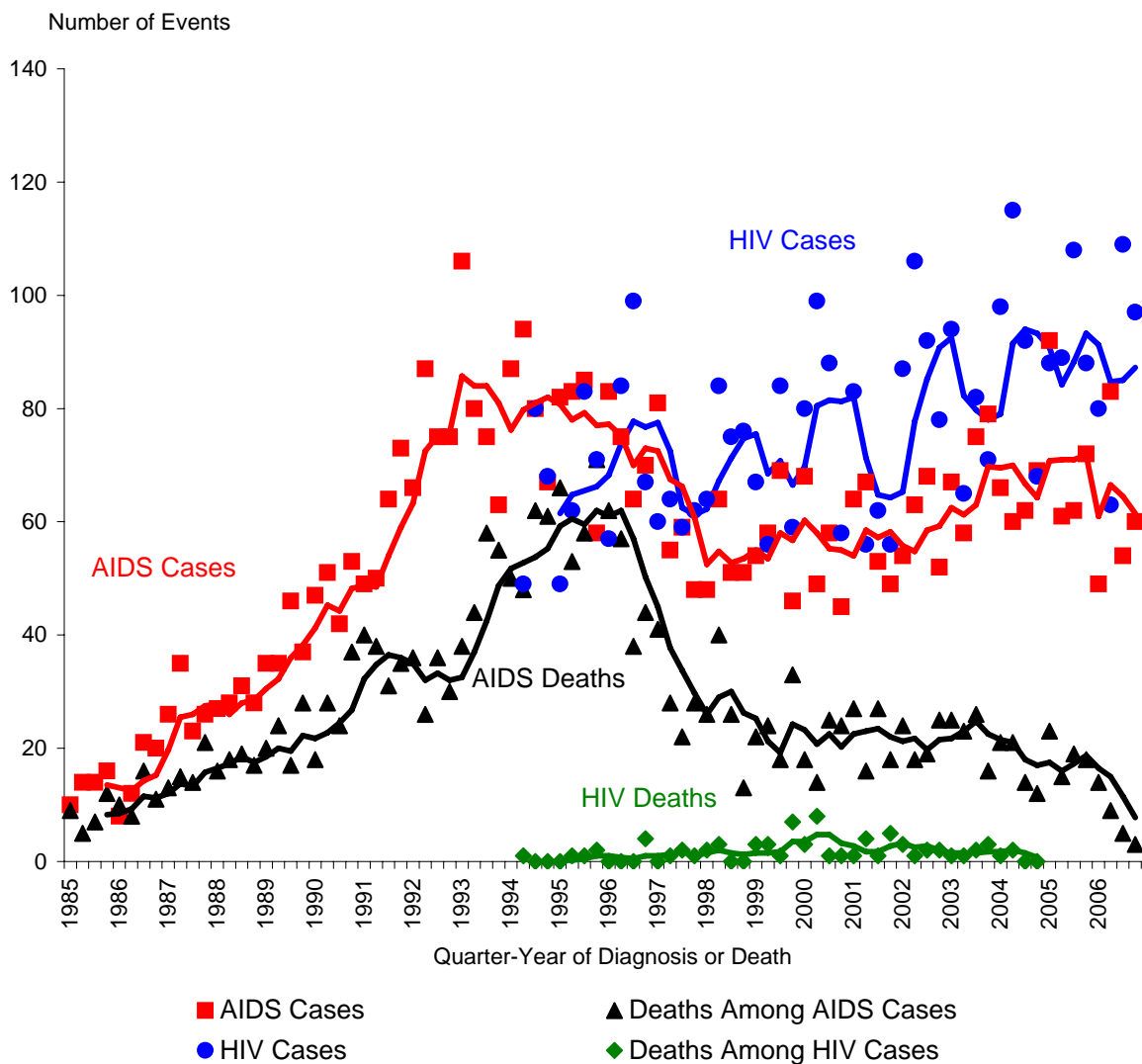
AIDS Administration
Maryland Department of Health and Mental Hygiene
www.dhmd.state.md.us/AIDS/
1-800-358-9001

SPECIAL NOTE ON HIV REPORTING

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV reporting and required that HIV cases be reported by name. The reporting period presented in this report includes the first months of the new reporting, however, most of the tables and figures are unaffected by this change. Section IX has been modified to include the changes and future reports will have additional modifications. For additional information on HIV reporting please visit the AIDS Administration web site at the above address.

Section I - Prince George's County HIV and AIDS Case Trends

Incident (Newly Diagnosed) HIV and AIDS Cases and Deaths among HIV and AIDS Cases
by Quarter-Year through Fourth Quarter 2006 as Reported through 12/31/07



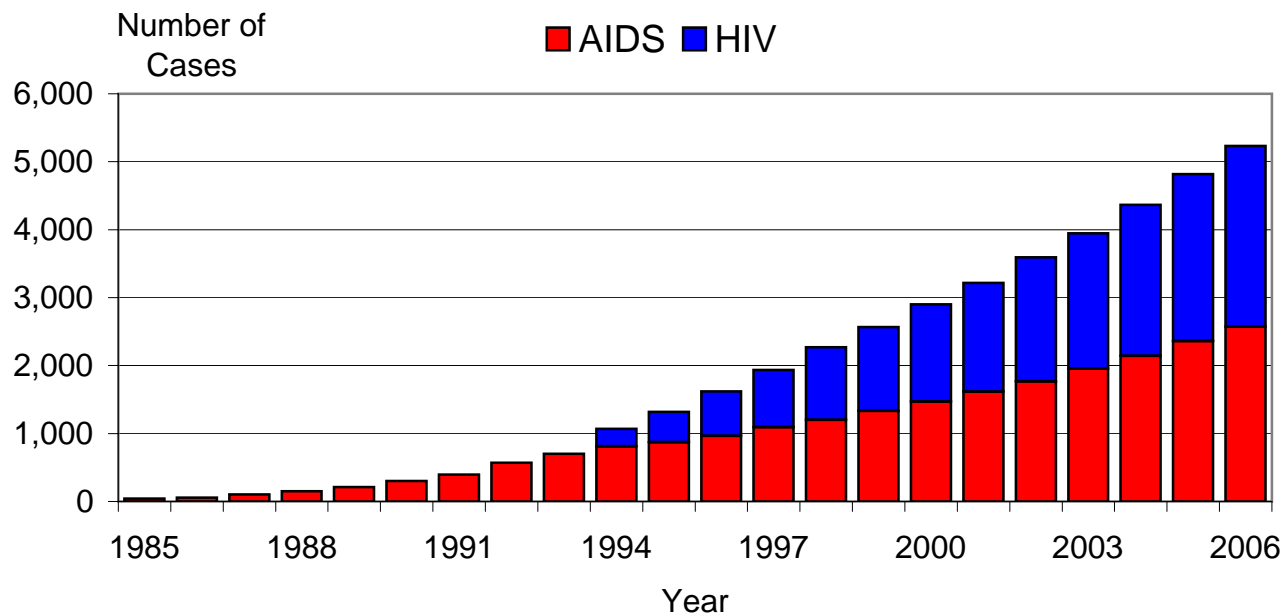
HIV case reporting began in June of 1994.
Trend lines are weighted moving averages (over 4 quarters).

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Section II - Prince George's County HIV and AIDS Case Prevalence Trends

Prevalent (Living) HIV and AIDS Cases on December 31st of Each Year as Reported through 12/31/07



YEAR	HIV	AIDS	Total HIV/AIDS
1985		41	41
1986		57	57
1987		104	104
1988		150	150
1989		214	214
1990		301	301
1991		394	394
1992		571	571
1993		702	702
1994	257	812	1,069
1995	444	873	1,317
1996	654	965	1,619
1997	842	1,092	1,934
1998	1,069	1,201	2,270
1999	1,234	1,331	2,565
2000	1,430	1,471	2,901
2001	1,600	1,616	3,216
2002	1,825	1,767	3,592
2003	1,992	1,956	3,948
2004	2,223	2,145	4,368
2005	2,461	2,358	4,819
2006	2,660	2,573	5,233

Prevalent cases are alive on December 31st of the given year.
HIV case reporting began in 1994.

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Section III - Prince George's County HIV and AIDS Case Geography

Incidence (Newly Diagnosed Cases) during 1/1/06-12/31/06 and Prevalence (Living Cases) on 12/31/06 as Reported through 12/31/07

ZIP CODE	Incidence				Prevalence				Total HIV/AIDS	
	HIV		AIDS		HIV		AIDS			
	No.	%	No.	%	No.	%	No.	%	No.	%
20601	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
20607	1	0.4%	0	0.0%	10	0.4%	9	0.4%	19	0.4%
20608	0	0.0%	0	0.0%	3	0.1%	2	0.1%	5	0.1%
20613	0	0.0%	1	0.4%	4	0.2%	11	0.4%	15	0.3%
20623	0	0.0%	1	0.4%	3	0.1%	9	0.4%	12	0.2%
20705	7	2.6%	6	2.5%	29	1.2%	42	1.7%	71	1.4%
20706	14	5.2%	11	4.5%	89	3.8%	99	3.9%	188	0.2%
20707	6	2.2%	3	1.2%	50	2.1%	34	1.3%	84	1.7%
20708	7	2.6%	4	1.6%	60	2.5%	47	1.8%	107	2.2%
20710	4	1.5%	2	0.8%	69	2.9%	37	1.5%	106	2.2%
20712	7	2.6%	3	1.2%	40	1.7%	55	2.2%	95	1.9%
20715	3	1.1%	3	1.2%	9	0.4%	18	0.7%	27	0.5%
20716	1	0.4%	2	0.8%	20	0.8%	30	1.2%	50	1.0%
20720	4	1.5%	1	0.4%	18	0.8%	12	0.5%	30	0.6%
20721	6	2.2%	1	0.4%	37	1.6%	37	1.5%	74	1.5%
20722	3	1.1%	0	0.0%	13	0.5%	21	0.8%	34	0.7%
20723	1	0.3%	1	0.4%	10	0.4%	9	0.3%	19	0.4%
20724	0	0.0%	1	0.4%	0	0.0%	3	0.1%	3	0.1%
20735	7	1.0%	7	1.4%	73	1.4%	82	1.6%	155	1.5%
20737	7	1.0%	4	0.8%	55	1.0%	60	1.2%	115	1.1%
20740	1	0.1%	2	0.4%	26	0.5%	26	0.5%	52	0.5%
20742	1	0.1%	2	0.4%	5	0.1%	6	0.1%	11	0.1%
20743	29	4.3%	24	5.1%	297	5.7%	284	5.7%	581	5.7%
20744	7	1.0%	10	2.1%	76	1.5%	110	2.2%	186	1.8%
20745	10	1.5%	14	3.0%	106	2.1%	144	2.9%	250	2.5%
20746	18	2.7%	15	3.2%	169	3.4%	126	2.6%	295	3.0%
20747	22	3.4%	11	2.4%	208	4.2%	192	4.0%	400	4.1%
20748	12	1.9%	13	2.8%	128	2.6%	165	3.4%	293	3.0%
20749	0	0.0%	0	0.0%	0	0.0%	3	0.1%	3	0.0%
20762	0	0.0%	0	0.0%	3	0.1%	2	0.0%	5	0.1%
20764	0	0.0%	0	0.0%	0	0.0%	1	0.0%	1	0.0%
20769	0	0.0%	1	0.4%	1	0.0%	4	0.2%	5	0.1%
20770	6	2.2%	9	3.7%	57	2.4%	68	2.7%	125	2.5%
20771	0	0.0%	0	0.0%	1	0.0%	0	3.0%	1	0.0%
20772	14	5.2%	8	2.5%	93	3.9%	92	3.6%	185	3.8%
20774	8	3.0%	10	4.1%	48	2.0%	60	2.4%	108	2.2%
20781	0	0.0%	3	1.2%	20	0.8%	24	0.9%	44	0.9%
20782	19	7.1%	17	7.0%	73	3.1%	122	4.8%	195	4.0%
20783	10	3.7%	20	8.2%	99	4.2%	135	5.3%	234	4.8%
20784	10	3.7%	11	4.5%	98	4.1%	127	5.0%	225	2.5%
20785	22	8.2%	23	9.4%	259	10.9%	227	8.9%	486	9.9%
20871	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
20903	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
20904	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
20912	2	0.7%	0	0.0%	11	0.5%	6	0.2%	17	0.3%
Missing ZIP*	79		2		290		32		322	
Prince George's County	348	100.0%	246	100.0%	2660	100.0%	2573	100.0%	5233	100.0%

Incident cases were cases newly diagnosed during the 12 month period.

Prevalent cases were alive on 12/31/06.

HIV case reporting began in 1994.

For cases reported 1/1/07 through 12/31/07, the median time from diagnosis to report was one month for HIV cases and two months for AIDS cases.

* Cases with missing ZIP were excluded from percent distributions.

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Section IV - Prince George's County HIV and AIDS Case Demographics

Incidence (Newly Diagnosed Cases) during 1/1/06-12/31/06 and Prevalence (Living Cases) on 12/31/06 as Reported through 12/31/07

<u>GENDER</u>	Incidence				Prevalence					
	<u>HIV</u>		<u>AIDS</u>		<u>HIV</u>		<u>AIDS</u>		<u>Total HIV/AIDS</u>	
	No.	%	No.	%	No.	%	No.	%	No.	%
Male	219	63.3%	157	63.8%	1483	56.0%	1671	64.9%	3154	60.4%
Female	127	36.7%	89	36.2%	1167	44.0%	902	35.1%	2069	39.6%
Missing*	2				10				10	
TOTAL	348	100.0%	246	100.0%	2660	100.0%	2573	100.0%	5233	100.0%

<u>RACE/ETHNICITY</u>	Incidence				Prevalence					
	<u>HIV</u>		<u>AIDS</u>		<u>HIV</u>		<u>AIDS</u>		<u>Total HIV/AIDS</u>	
	No.	%	No.	%	No.	%	No.	%	No.	%
White	8	4.4%	8	3.3%	105	5.7%	191	7.4%	296	10.1%
African-American	152	84.0%	222	90.2%	1612	87.2%	2268	88.1%	3880	87.7%
Hispanic	4	2.2%	14	5.7%	56	3.0%	102	4.0%	158	3.6%
Other	17	9.4%	2	0.8%	76	4.1%	12	0.5%	88	2.0%
Missing*	167				811				811	
TOTAL	348	100.0%	246	100.0%	2660	100.0%	2573	100.0%	5233	100.0%

<u>AGE**</u>	Incidence				Prevalence					
	<u>HIV</u>		<u>AIDS</u>		<u>HIV</u>		<u>AIDS</u>		<u>Total HIV/AIDS</u>	
	No.	%	No.	%	No.	%	No.	%	No.	%
<5 (Pediatric)	1	0.3%	0	0.0%	8	0.3%	0	0.0%	8	0.2%
5-12 (Pediatric)	0	0.0%	0	0.0%	8	0.3%	10	0.4%	18	0.8%
13-19	14	4.0%	5	1.5%	26	1.0%	23	0.9%	49	0.9%
20-29	113	32.5%	36	14.6%	387	14.5%	159	6.2%	546	10.4%
30-39	97	27.9%	82	33.3%	809	30.4%	593	23.0%	1402	23.5%
40-49	74	21.3%	82	33.3%	863	32.4%	1026	39.9%	1889	36.1%
50-59	34	9.8%	29	11.8%	436	16.4%	582	22.6%	1018	19.5%
60+	15	4.3%	12	4.9%	123	4.6%	180	7.0%	303	5.8%
TOTAL	348	100.0%	246	100.0%	2660	100.0%	2573	100.0%	5233	100.0%

Incident cases were cases newly diagnosed during the 12 month period.

Prevalent cases were alive on 12/31/06.

HIV case reporting began in 1994.

* Cases with missing race or gender were excluded from percent distributions.

** For incident cases, age was at time of diagnosis. For prevalent cases, age was as of 12/31/06.

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Section V - Prince George's County HIV/AIDS Case Expanded Demographics

Total HIV/AIDS Prevalence (Living Cases) on 12/31/06 as Reported through 12/31/07

GENDER/AGE	RACE/ETHNICITY					
	<u>White</u>	<u>African-American</u>	<u>Other</u>	<u>Missing Race/Ethnicity</u>	<u>Total</u>	
	No.	No.	No.	No.	No.	%
<u>Male</u>						
<5 (Pediatric)	0	1	0	3	4	0.1%
5-12 (Pediatric)	0	3	1	0	4	0.6%
13-19	0	19	1	5	25	0.8%
20-29	10	225	15	66	316	10.0%
30-39	32	506	47	120	705	22.4%
40-49	99	913	53	143	1208	38.3%
50-59	69	533	23	69	694	22.0%
60+	17	150	8	23	198	6.1%
<i>SUBTOTAL</i>	227	2350	148	429	3154	100.0%
<u>Female</u>						
<5 (Pediatric)	0	0	0	4	4	0.2%
5-12 (Pediatric)	0	11	1	1	13	1.2%
13-19	0	18	1	5	24	1.2%
20-29	1	148	12	66	227	11.0%
30-39	16	500	40	140	696	33.6%
40-49	31	523	25	99	678	32.8%
50-59	16	247	16	42	321	15.5%
60+	4	82	3	17	106	5.1%
<i>SUBTOTAL</i>	68	1529	98	374	2069	100.0%
<u>Missing Gender</u>	1	1	0	8	10	
<i>TOTAL</i>	296	3880	246	811	5233	

Prevalent cases were alive on 12/31/06.

HIV case reporting began in 1994.

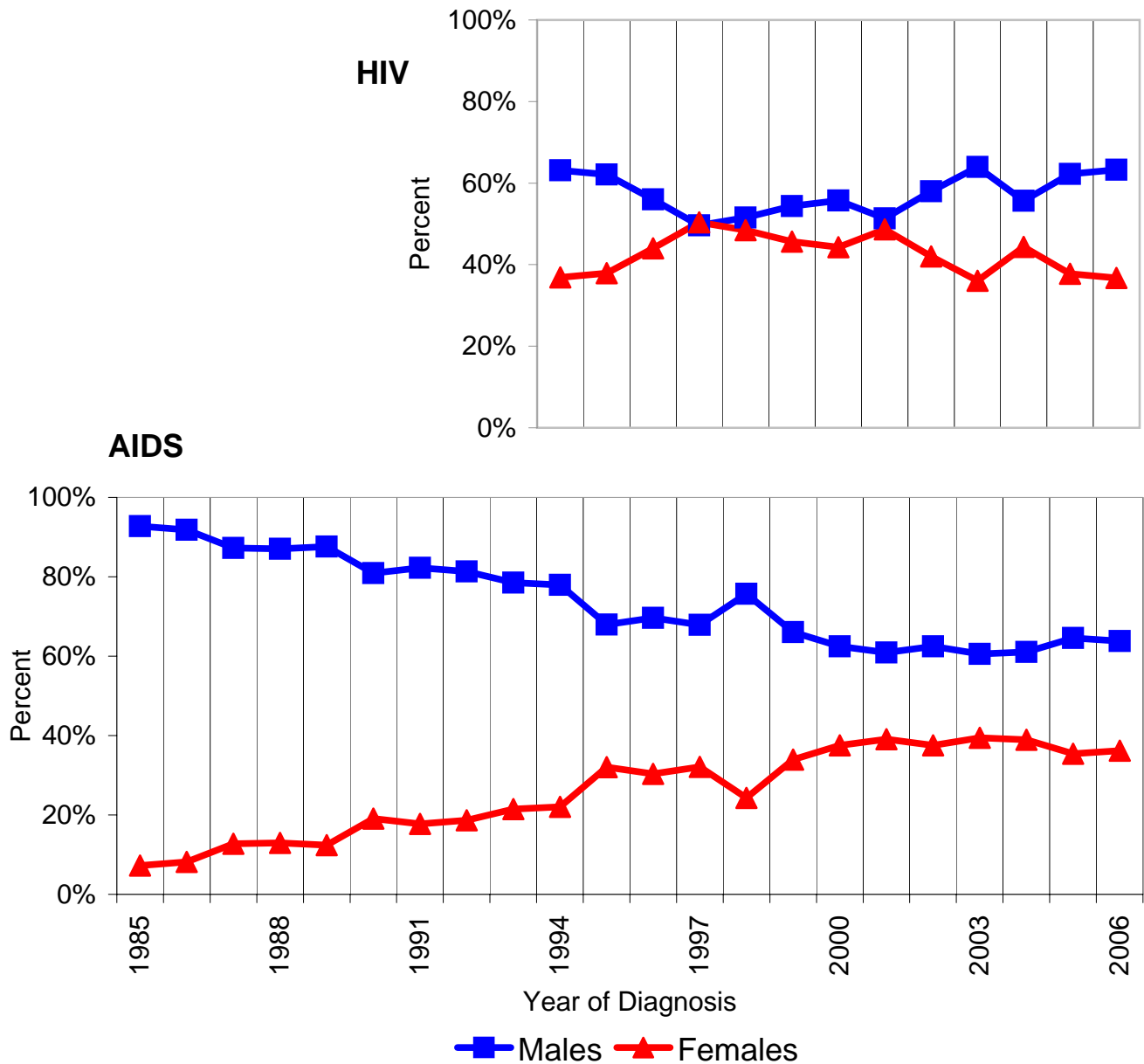
Age was as of 12/31/06.

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Section VI - Prince George's County HIV and AIDS Case Gender Trends

Proportions by Gender of Incident (Newly Diagnosed) Cases during each Calendar Year as Reported through 12/31/07



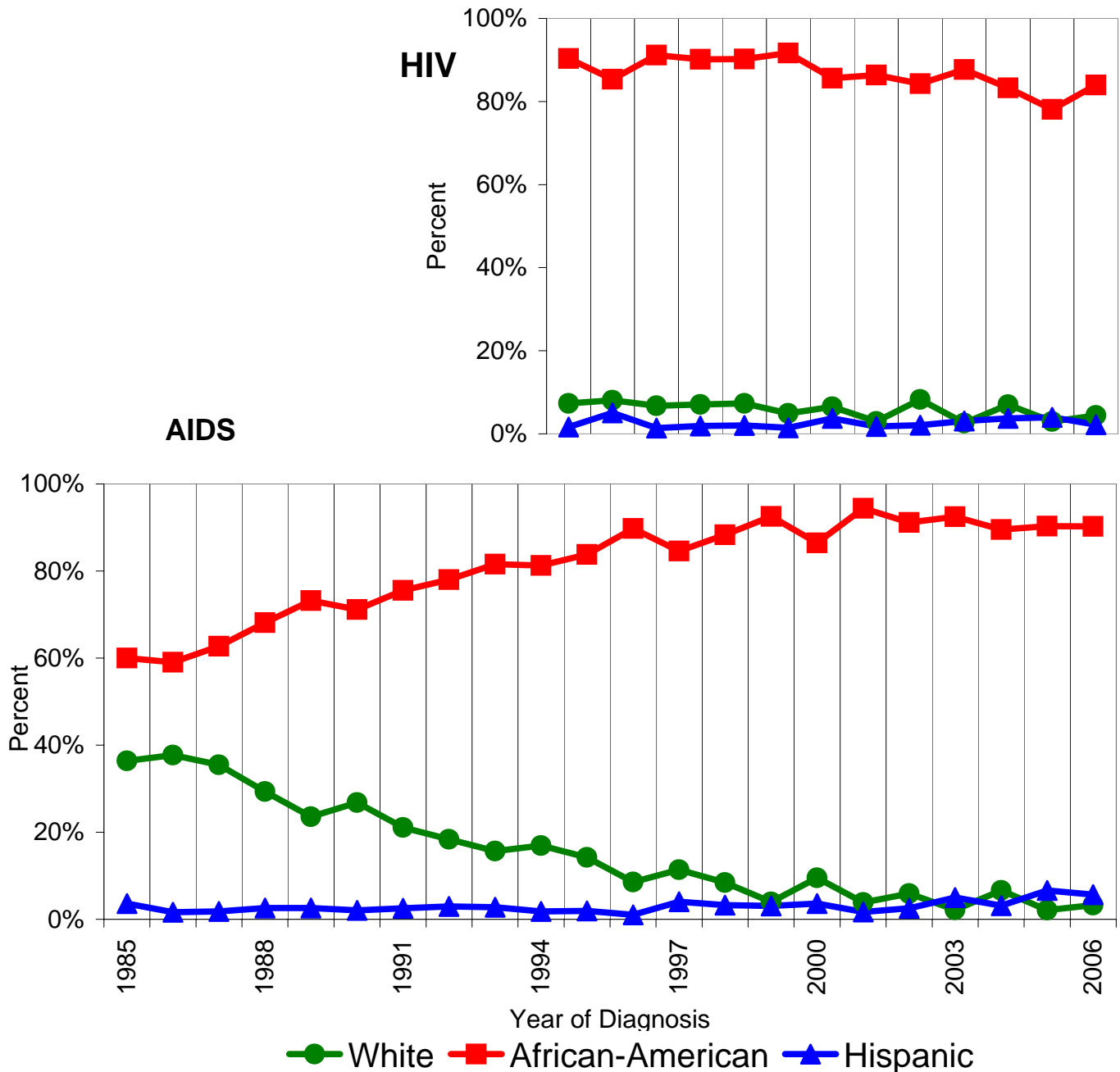
Percent distributions excluded cases with missing gender.
HIV case reporting began in 1994.

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Section VII - Prince George's County HIV and AIDS Case Race/Ethnicity Trends

Proportions by Race/Ethnicity of Incident (Newly Diagnosed) Cases during each Calendar Year as Reported through 12/31/07



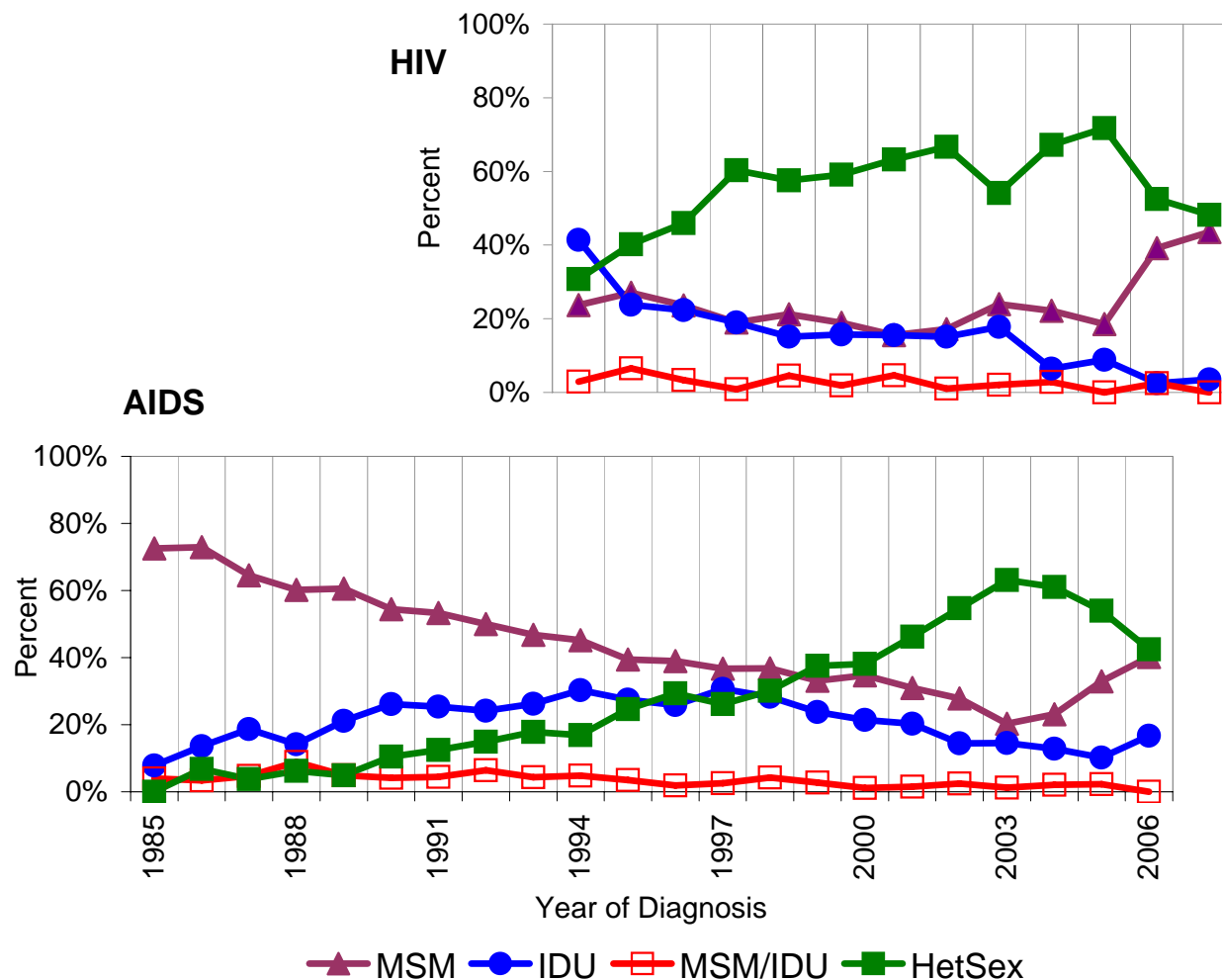
Percent distributions excluded cases with missing race/ethnicity.
HIV case reporting began in 1994.

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Section VIII - Prince George's County AIDS Case Exposure Category Trends

Proportions by Exposure Category of Incident (Newly Diagnosed) AIDS Cases during each Calendar Year as Reported through 12/31/07



Other exposure categories (not shown) that accounted for small percentages of cases included hemophiliacs, transfusion recipients, pediatric transmissions and occupational exposures.

Percent distributions excluded cases with exposure category under investigation and risk not specified.

Prince George's County data currently have exposure on 41% of HIV cases and 85% of AIDS cases. HIV case reporting began in 1994.

MSM = Men who have sex with men

IDU = Injection drug users

MSM/IDU = Men who have sex with men and are injection drug users

HetSex = Heterosexual contact

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Section IX - Prince George's County HIV and AIDS Case Reports by ZIP Code

Cumulative Events Reported through 12/31/07

ZIP CODE	HIV Cases				AIDS Cases		AIDS Deaths	
	by Code		by Name					
	Non-AIDS Cumulative		Since 4/24/07		Cumulative		Cumulative	
	No.	%	No.	%	No.	%	No.	%
20601	0	0.0%	0	0.0%	0	0.0%	0	0.0%
20607	12	0.5%	3	1.0%	17	0.3%	7	0.3%
20608	3	0.1%	0	0.0%	7	0.1%	5	0.2%
20613	4	0.2%	3	1.0%	23	0.4%	12	0.5%
20623	3	0.1%	2	0.7%	14	0.3%	5	0.2%
20705	27	1.1%	2	0.7%	98	1.9%	48	2.0%
20706	100	4.0%	18	6.0%	190	3.7%	84	3.5%
20707	54	2.1%	6	2.0%	90	1.8%	52	2.2%
20708	64	2.5%	3	1.0%	85	1.7%	36	1.5%
20710	67	2.7%	6	2.0%	96	1.9%	57	2.4%
20712	44	1.7%	5	1.7%	115	2.2%	58	2.4%
20715	8	0.3%	0	0.0%	52	1.0%	33	1.4%
20716	22	0.9%	5	1.7%	64	1.3%	32	1.3%
20720	22	0.9%	6	2.0%	19	0.4%	5	0.2%
20721	40	1.6%	3	1.0%	59	1.2%	13	0.5%
20722	14	0.6%	0	0.0%	44	0.9%	23	1.0%
20723	10	0.4%	3	1.0%	13	0.3%	2	0.1%
20724	0	0.0%	2	0.7%	4	0.1%	1	0.0%
20735	82	3.2%	9	3.0%	156	3.0%	61	2.6%
20737	61	2.4%	4	1.3%	129	2.5%	64	2.7%
20740	26	1.0%	1	0.3%	67	1.3%	38	1.6%
20742	5	0.2%	1	0.3%	10	0.2%	3	0.1%
20743	323	12.8%	29	9.7%	541	10.6%	242	10.1%
20744	79	2.8%	20	6.6%	242	4.7%	124	124
20745	112	4.0%	14	4.7%	279	5.4%	128	124
20746	182	3.2%	19	3.2%	267	2.6%	135	124
20747	218	3.9%	19	3.2%	398	3.9%	201	124
20748	141	2.5%	18	3.0%	340	3.3%	160	124
20749	0	0.0%	0	0.0%	7	0.1%	4	124
20762	3	0.1%	0	0.0%	5	0.0%	3	124
20764	0	0.0%	0	0.0%	1	0.0%	0	124
20769	1	0.0%	1	0.2%	15	0.2%	11	124
20770	63	1.2%	6	1.1%	116	1.2%	44	124
20771	1	0.0%	0	0.0%	1	0.0%	1	124
20772	98	1.9%	12	2.2%	199	2.1%	100	124
20774	50	0.9%	14	2.5%	73	0.8%	8	124
20781	22	0.4%	3	0.6%	64	0.7%	35	124
20782	71	1.4%	11	2.0%	217	2.3%	81	124
20783	106	2.0%	9	1.7%	279	3.0%	132	124
20784	103	4.1%	19	6.3%	230	4.5%	95	4.0%
20785	272	10.8%	24	8.0%	475	9.3%	234	9.8%
20871	0	0.0%	0	0.0%	1	0.0%	1	0.0%
20903	0	0.0%	0	0.0%	1	0.0%	1	0.0%
20904	0	0.0%	0	0.0%	0	0.0%	0	0.0%
20912	11	0.4%	0	0.0%	17	0.3%	11	0.5%
Missing ZIP*	315		2		62		25	
Prince George's County	2839	100.0%	302	100.0%	5182	100.0%	2415	100.0%

Laboratory reporting of HIV cases by code existed from June 1, 1994 to April 24, 2007.

Provider and laboratory reporting of HIV cases by name has existed since April 24, 2007.

Maryland is re-reporting code HIV cases by name, therefore, the same person may appear as a code HIV case and as a name HIV case.

HIV cases reported by name since 4/24/07 may also have been reported as AIDS cases.

Non-AIDS cumulative HIV cases included all HIV cases reported through the end of the period, that had not been reported as AIDS cases by the end of the period.

AIDS deaths included all causes of death.

The median time from diagnosis to report was one month for cumulative non-AIDS HIV code cases, two months for HIV name cases, and three months for cumulative AIDS cases.